

INFORMATION DISCLOSURE CITATION FORM FOR PATENT APPLICATION (FORM PTO-1449) (Substitute)	Docket No.: 297-010113-US(PAR)	Serial No.: 09/783,059
	Applicant(s): RYHANEN et al.	
	Filing Date: 2/14/01	Group:

U.S. PATENTS

Initials	Patent Number	Issue Date	Name	Class	Sub-class	Filing date
m	5,531,128	7/02/96	Ryhänen	73	862.623	8/19/94
m	5,561,523	10/01/96	Blomberg et al.	356	352	2/10/95
m	5,646,729	7/08/97	Koskinen et al.	356	352	12/18/95
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m	5,526,172	6/11/96	Kanack	359	291	7/27/93

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Initials	Document Number	Date	Country	Name	Translation? Yes/No/n/a
m	WO 00/42705	7/20/00	PCT	Nguyen et al.	n/a
m	EP 0725408 A2	8/07/96	Europe	Murata Manufacturing	n/a
m	JP 9-082569	3/1997	Japan	Co., Ltd. Fuji	202 u bsd/act

OTHER DOCUMENTS (Title, Author, Date, Pages, Etc., if known)

m	"Micromachined Electro-Mechanically Tunable Capacitors and Their Applications to RF IC's", Dec et al., IEEE Transactions on Microwave Theory and Techniques, Vol. 46, No. 12, 1998, pp. 2587-2596.
m	"RF MEMs Variable Capacitors for Tunable Filters", Goldsmith et al., Inc. Int. J RF and Microwave CEA 9, John Wiley & Sons, 1999, pp. 362-374.
m	"Characteristics of Micromachined Switches at Microwave Frequencies", Goldsmith et al., Dig. IEEE MTT-S, 1996, pp. 1141-1144.
m	"Micromachined Low-Loss Microwave Switches", Yao et al., IEEE Journal of Microelectromechanical Systems, Vol. 8, No. 2, 1999, pp. 129-134.
m	"A Micromachined Variable Capacitor for Monolithic Low-Noise VCOs", Young et al., Solid-State Sensors and Actuators Workshop, 1996, pp. 86-89.
m	"Development of a Wide Tuning Range MEMS Tunable Capacitor for Wireless Communication Systems", Zou et al., IEEE 2000, pages 17.2.1-17.2.4.
m	"A Micromachined, Single-Crystal Silicon, Tunable Resonator", Yao et al., Micromach. Microeng., 1996, pp.257-264.
	Japanese Patent document No. JP 9082569, English translation of the Abstract attached.

Examiner's Signature: *John P. [Signature]* Date Considered: 5-22-02

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.
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